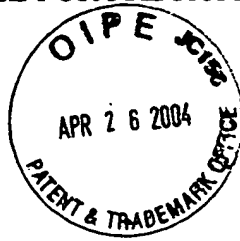
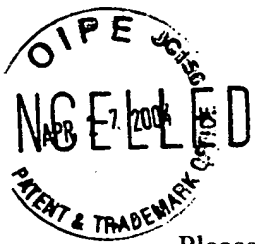


Application No. 09/828,621

Filing Date: April 6, 2001

Applicants: John D. Newbold et al.

For: NOZZLE FOR PRECISION LIQUID DISPENSING AND METHOD OF MAKING



IN THE CLAIMS

Please reject/cancel Claims 2, 3, 6, 9, 10, 12, 14, 16, 17, 18 & 19. Please amend Claims 7, 8, 13 & 15 as indicated below. Please accept and continue to prosecute Claims 1, 4, 5.

AMMENDMENTS TO THE CLAIMS

1. A nozzle for delivering a measured quantity of viscous liquid comprising:

a) an opening defined by a perimeter and a cylindrically-shaped barrel wall extending from said perimeter downward to a break point defined by a circle spaced-apart from said opening;

b) means for connecting said barrel wall of said nozzle to a reservoir from which a viscous liquid is transferable to said nozzle;

c) a cone-shaped wall extending downward from said circular break point and then inward there from to a circular exit opening; and,

d) a straight, small-diameter exit tube, of uniform diameter, extending from said circular exit opening to a circular exit aperture for dispensing the liquid from said nozzle;

e) wherein there is a controlled ratio of the internal diameter of said exit tube and the wall thickness of said exit tube.

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